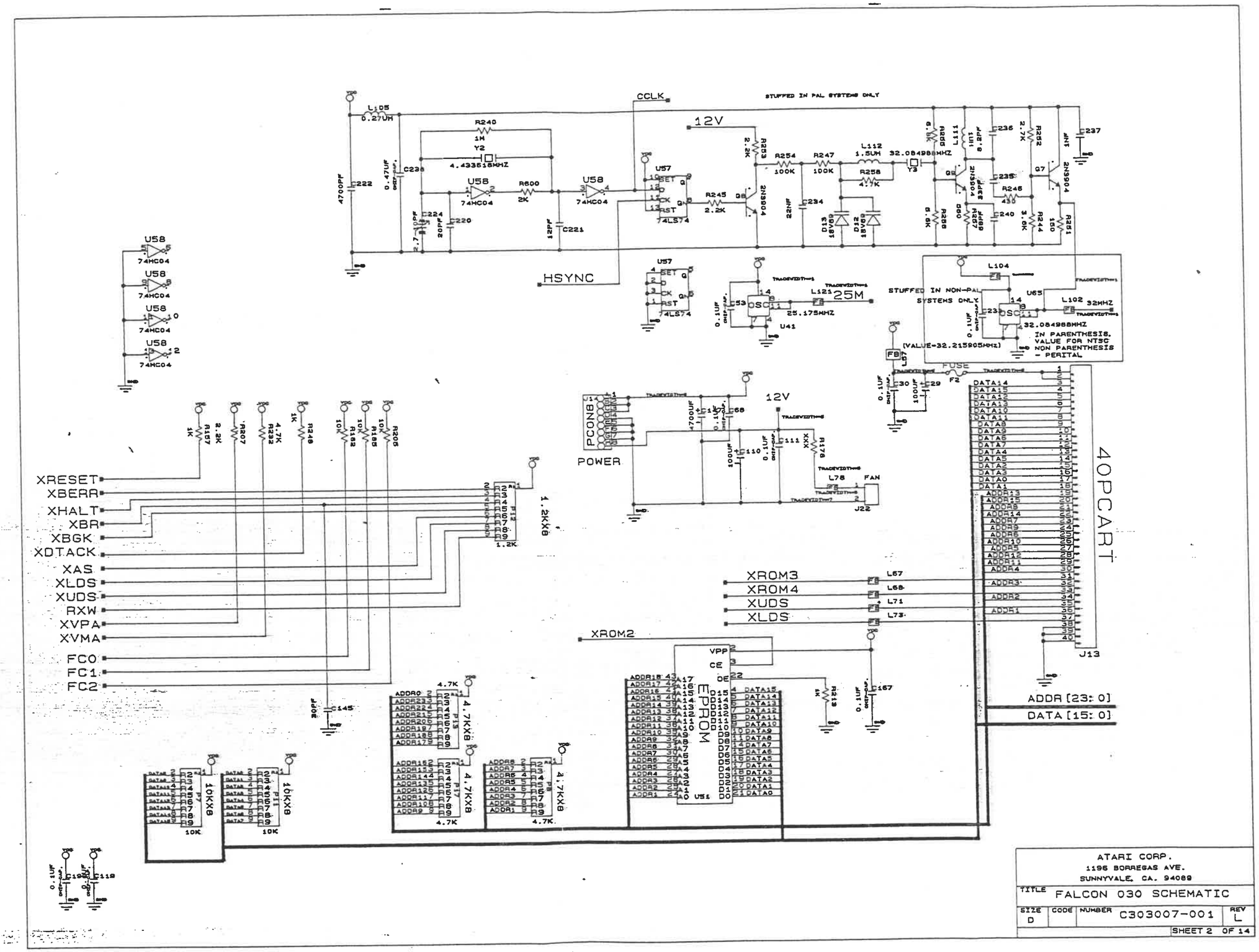
REV	REVISIONS DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	7/23/92	
B	REVISED PER ECO #1488	8/25/92	
C	REVISED PER ECO #1492	8/25/92	
D	REVISED PER ECO #1497	8/25/92	
E	REVISED PER ECO #1498		
F	REVISED PER ECO #1505	9/10/92	
G	REVISED PER ECO #1600	1/6/93	
H	REVISED PER ECO #1604	1/20/93	
J	REVISED PER ECO #1642	6/11/93	
K	REVISED PER ECO #1643	8/06/93	
L	REVISED PER ECO #1641	8/06/93	

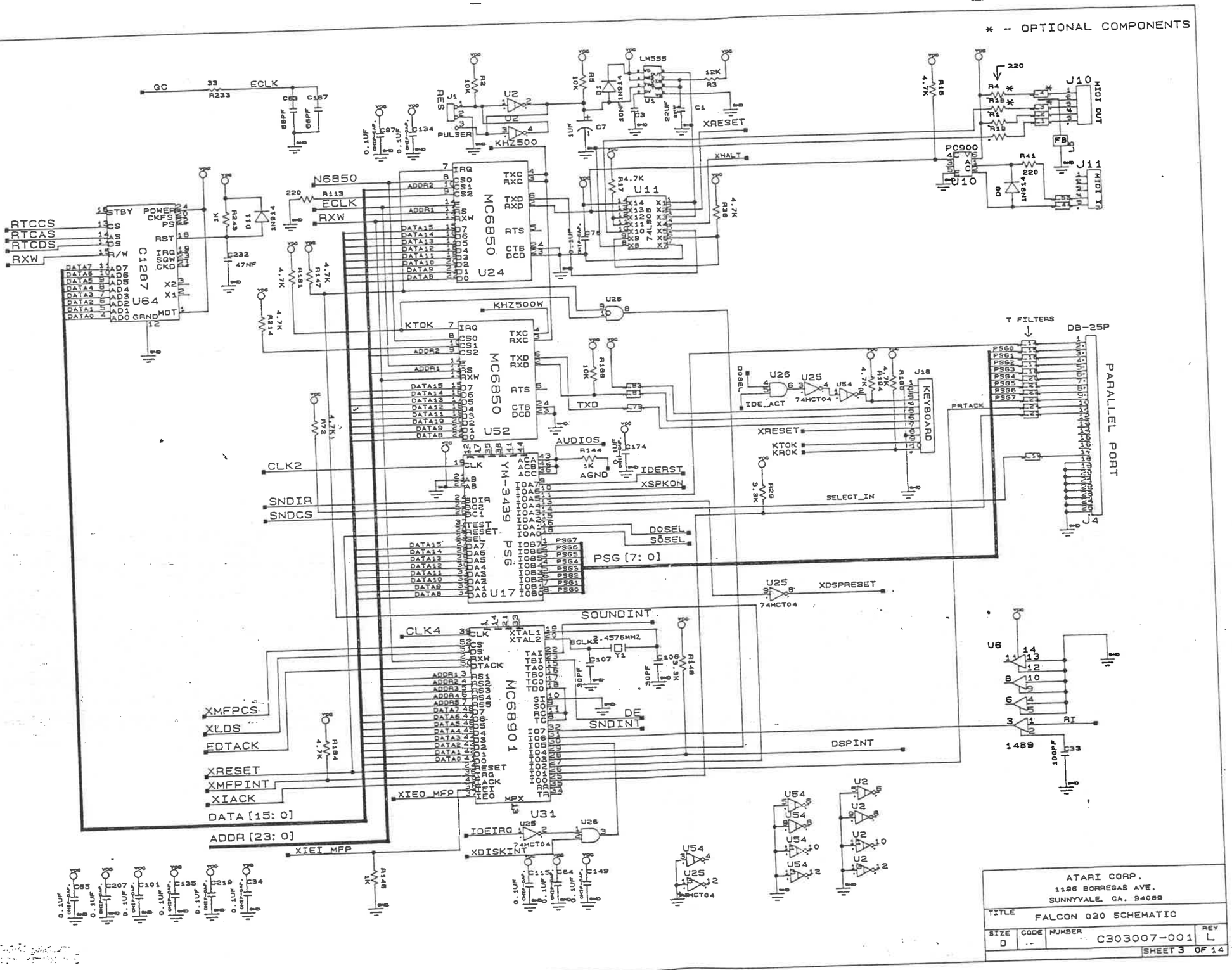
		DRAWN BY TRH	DATE	ATARI CORP. 1196 BORREGAS AVE. SUNNYVALE, CA. 94089
		CHECKED	DATE	
CA401332		ENGINEER	DATE	TITLE FALCON 030 SCHEMATIC
NEXT ASSEMBLY	USED ON ORIGINAL MODEL	APPROVED	DATE	SIZE D / CODE / NUMBER C303007-001 / REV L
APPLICATION		APPROVED	DATE	SHEET 1 OF 14

atarimuseum.nl



atarimuseum.nl

* - OPTIONAL COMPONENTS



ATARI CORP. 1196 BORREGAS AVE. SUNNYVALE, CA. 94089			
TITLE	FALCON 030 SCHEMATIC		
SIZE D	CODE --	NUMBER C303007-001	REV L
		SHEET 3 OF 14	

atarimuseum.nl

FOR NON MODULATOR SYSTEMS ONLY

HSYNC
VSYNC
AVGND
COLOR
REMOVE FOR PAL
CCLK
MC1377
U18
AUDIO
STMOD
12V
2N3904
AVGND

VER_INT
WDATV
RDATV
HINTC
VREQC
RAMHV

* – REQUIRES VALUE CHANGE FOR PAL

FOR MODULATOR SYSTEMS ONLY

NOTE: JMP2_ST MUST BE PLACED NEAR U35

32MHZ R234 22 CLK32
R241 22 VID32MHZ

JMP3
W10

COMBEL U56

DATA [15: 0]
ADDR [23: 0]
MADDR [10: 0]

VIDEL U34

EXTCLK
25M
VID32MHZ
RAMHV
VREQV
RDATV
WDATV
HINTV
XPEN
ESYNC
HSYNC
VSYNC
EVEN_ODD
DE
XRESET
RXW
TN

SGC DAC U30

ICLK
DOTCK
AVCC
ROUT
GOUT
BOUT
RCON
GCON
BCON
SINGLE POINT GROUND

MDATA [15: 0]
MDATA [31: 16]

19 PIN VIDEO CONNECTOR J5

TEST
COLOR

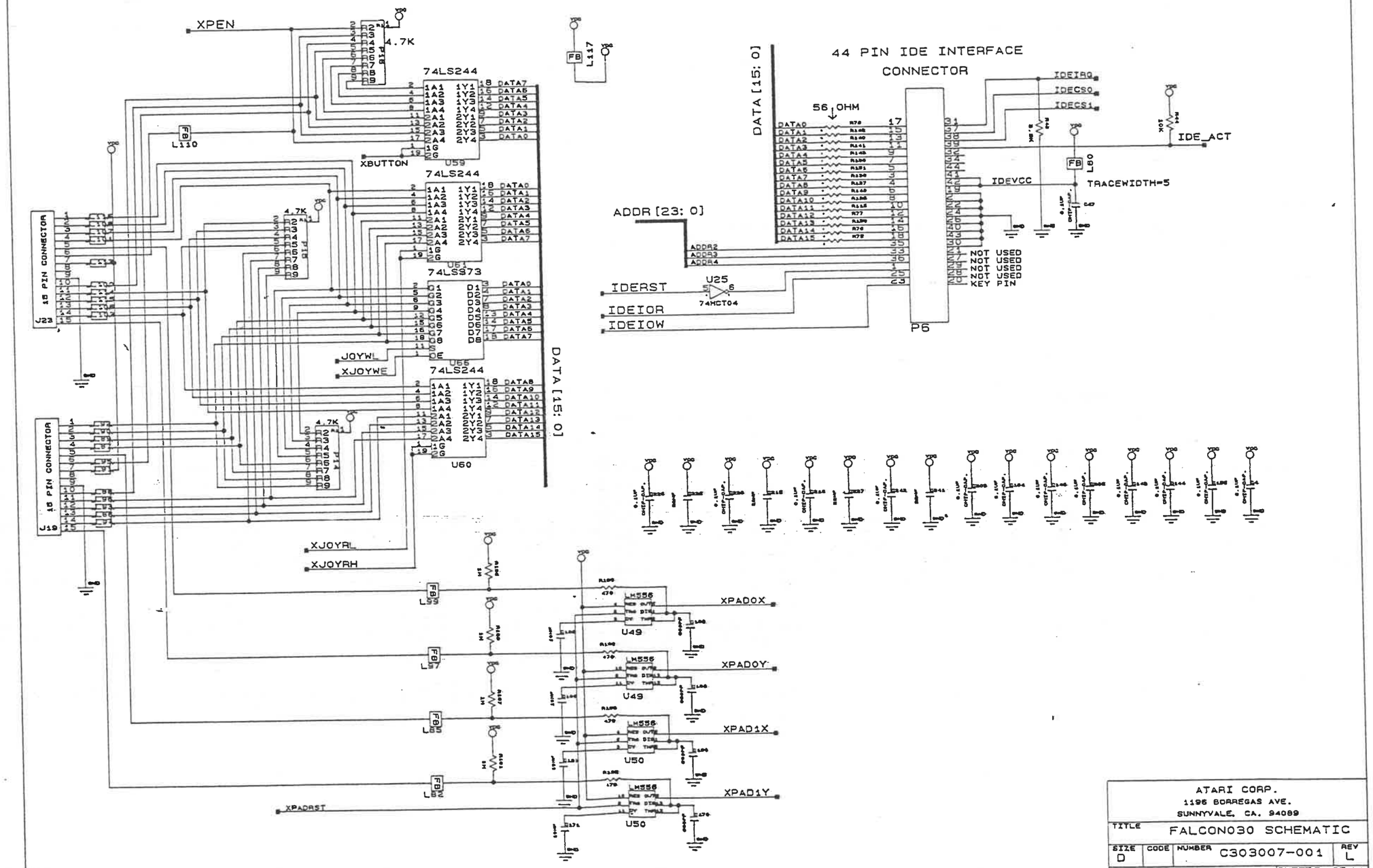
ATARI CORP.
1196 BORREGAS AVE.
SUNNYVALE, CA. 94089

TITLE FALCON030 SCHEMATIC

SIZE	CODE	NUMBER	REV
D		C303007-001	L

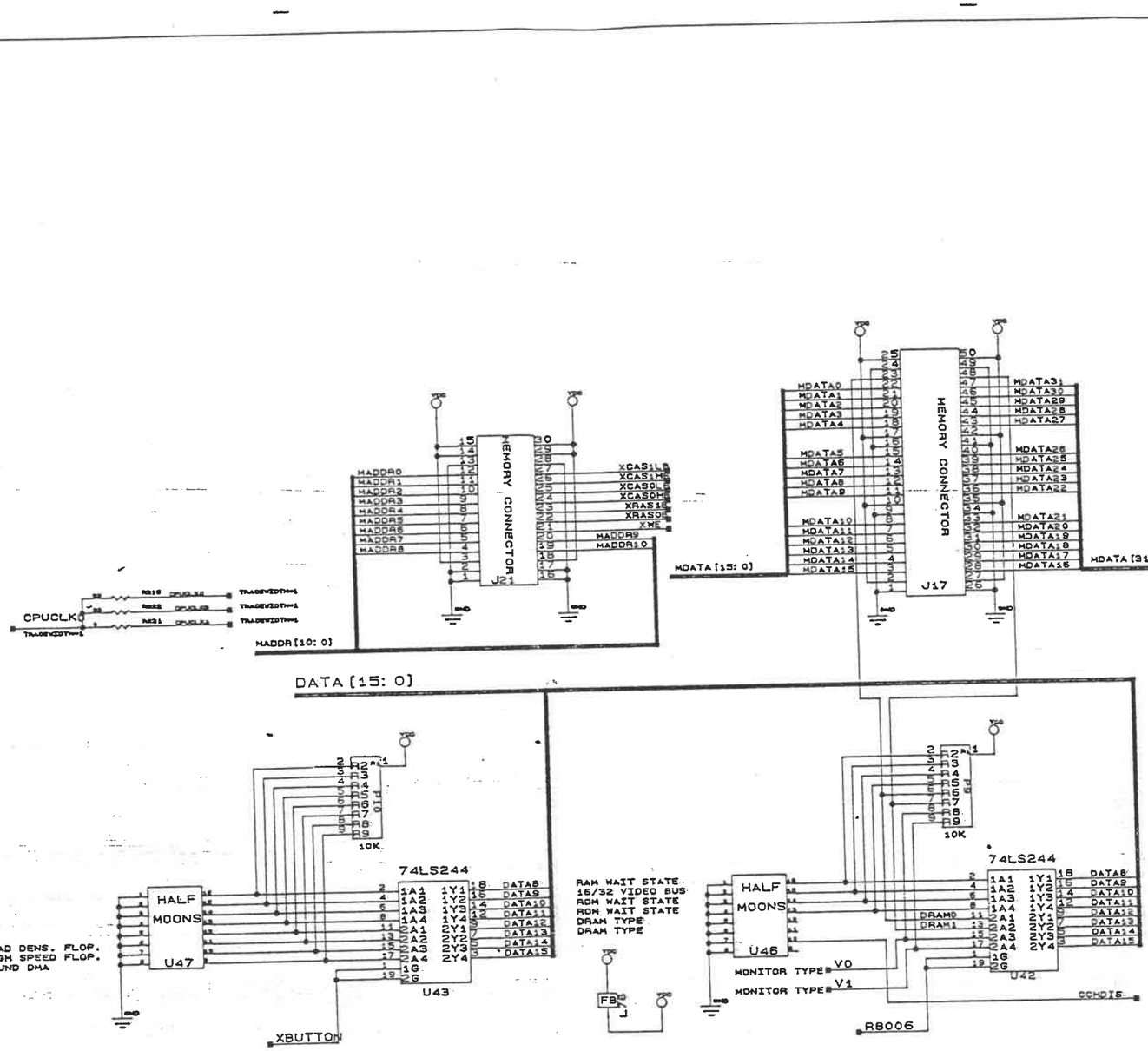
SHEET 4 OF 14

atarimuseum.nl



ATARI CORP. 1196 BORREGAS AVE. SUNNYVALE, CA. 94089			
TITLE: FALCON030 SCHEMATIC			
SIZE: D	CODE:	NUMBER: C303007-001	REV: L
			SHEET 5 OF 14

atarimuseum.nl



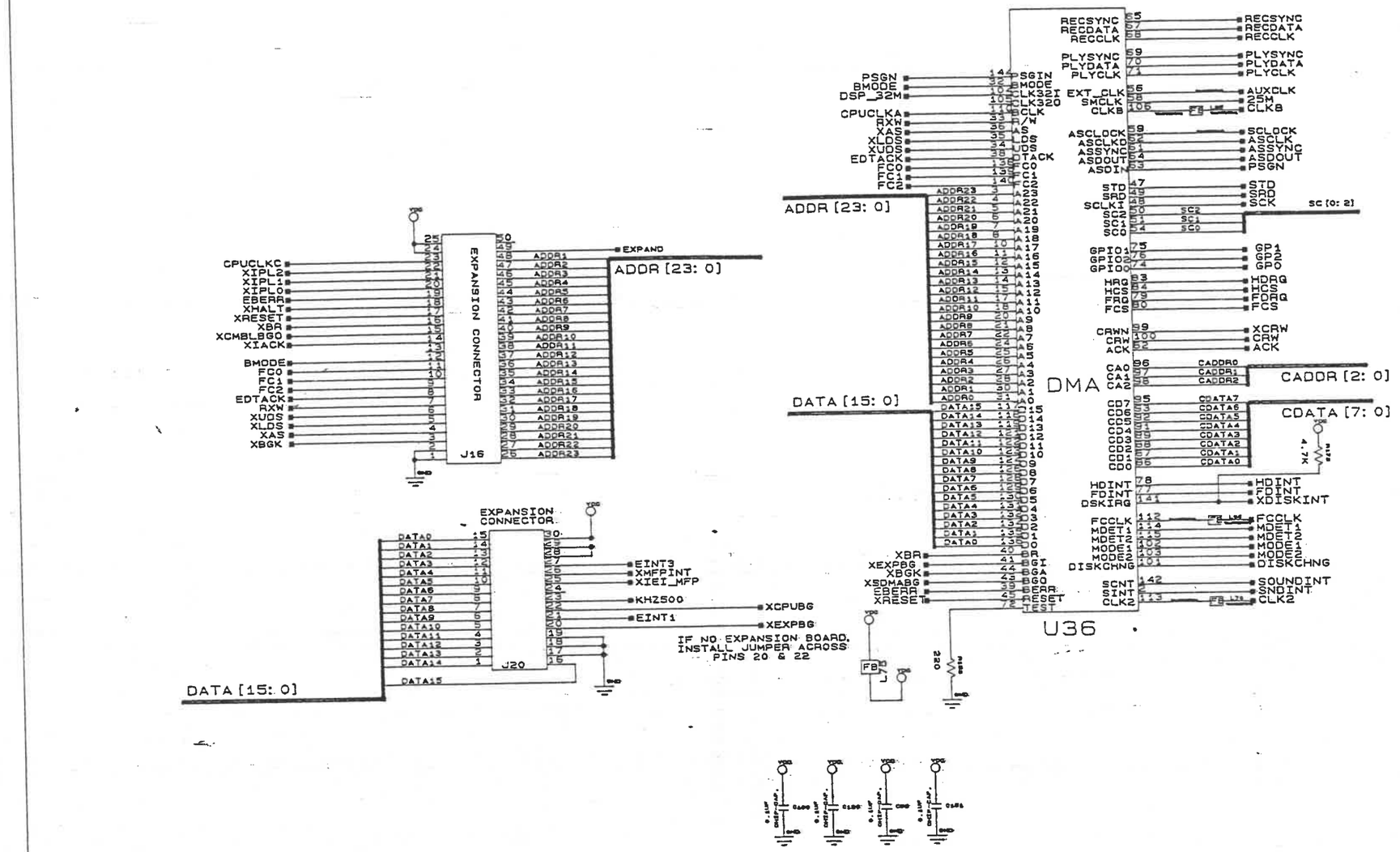
ATARI CORP.
1196 BORREGAS AVE.
SUNNYVALE, CA. 94089

TITLE: FALCON030 SCHEMATIC

SIZE	CODE	NUMBER	REV
D		C303007-001	L

SHEET 6 OF 14

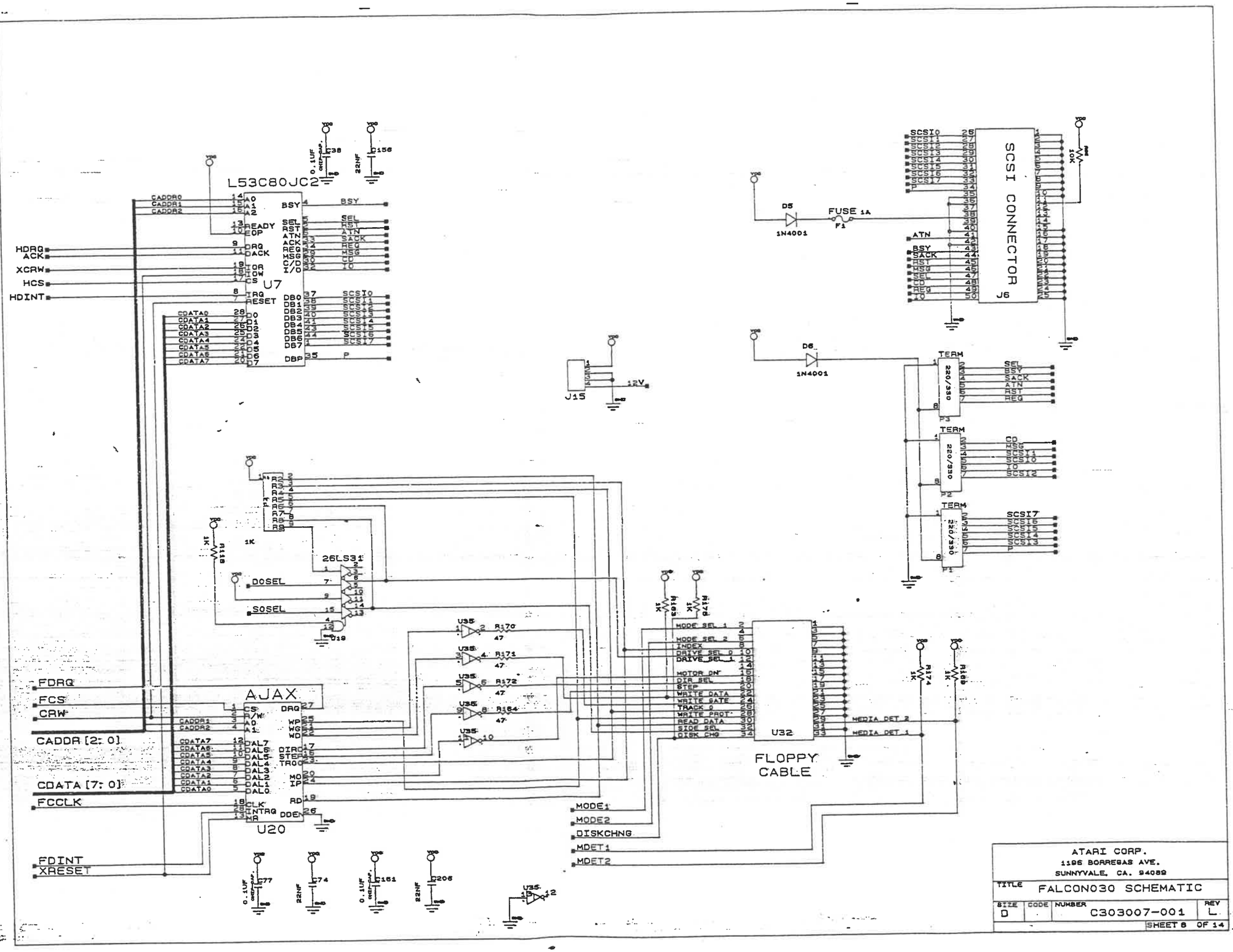
atarimuseum.nl



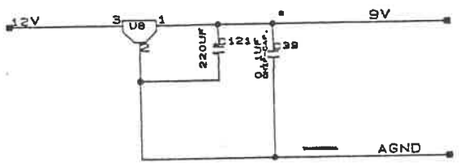
ATARI CORP.
1196 BORREGAS AVE.
SUNNYVALE, CA. 94089

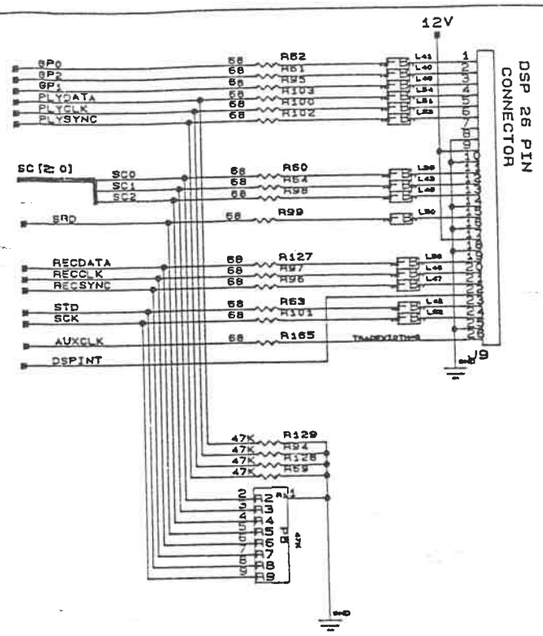
TITLE	FALCON030 SCHEMATIC		
SIZE	CODE	NUMBER	REV
D		C303007-001	L
		SHEET 7 OF 14	

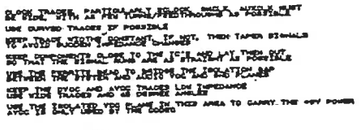
atarimuseum.nl

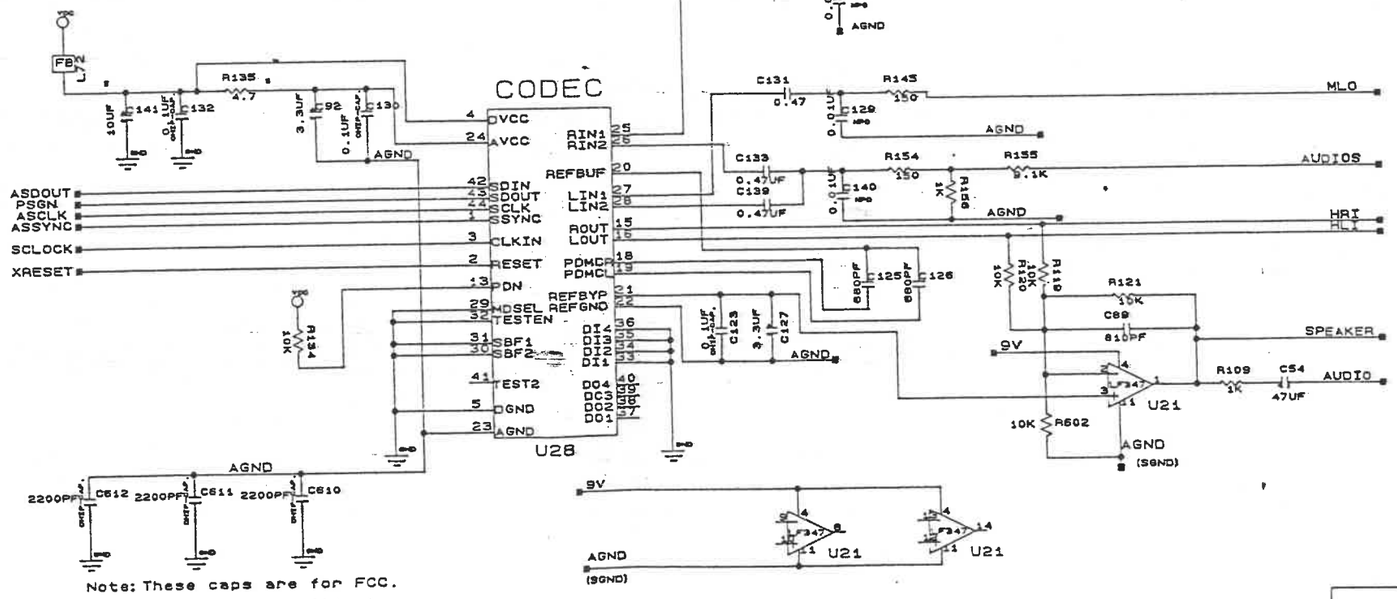


atarimuseum.nl





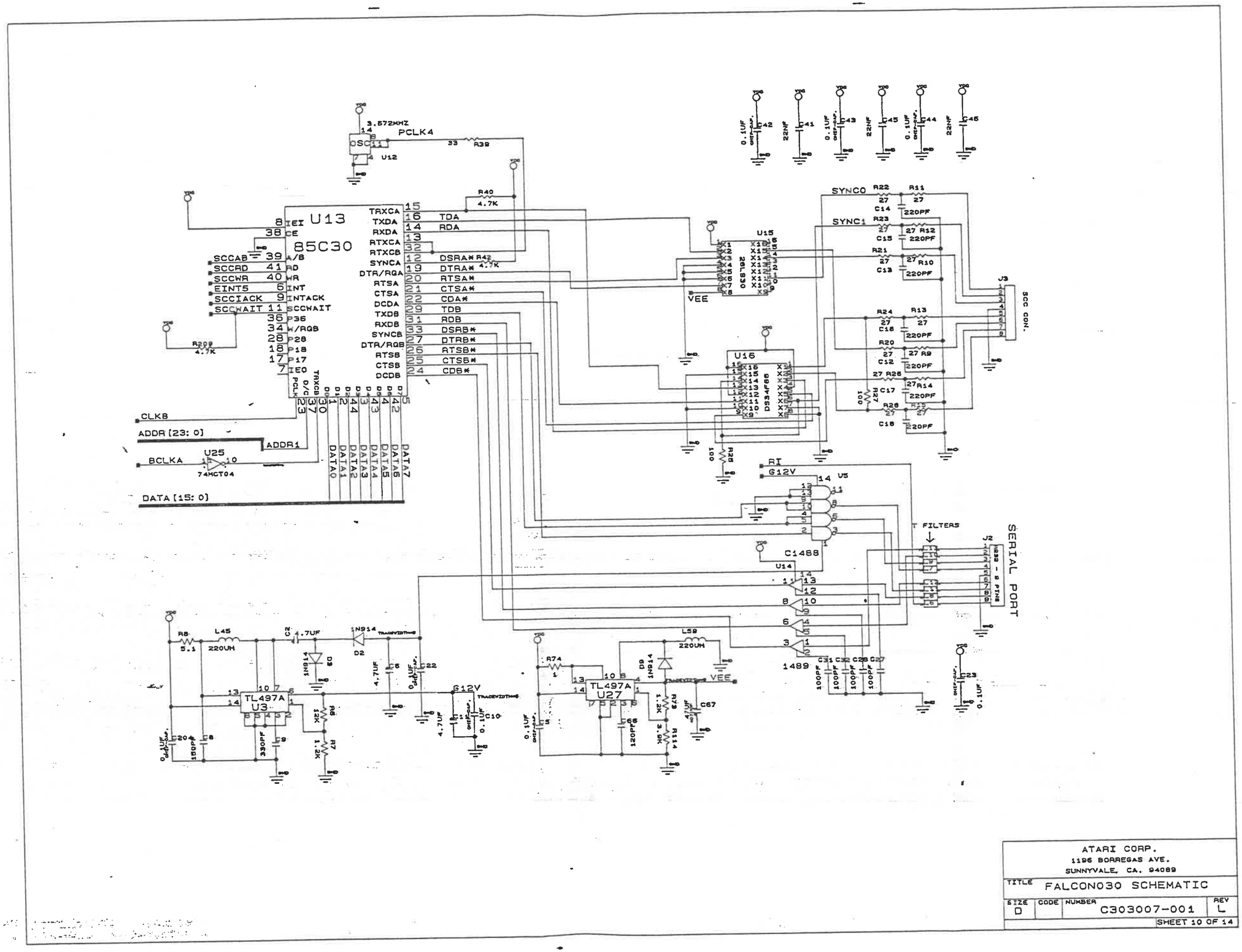




Note: These caps are for FCC.
Note: Placement is critical

ATARI CORP. 1196 BORREGAS AVE. SUNNYVALE, CA. 94089			
TITLE FALCON030 SCHEMATIC			
SIZE D	CODE	NUMBER C303007-001	REV L
			SHEET 9 OF 14

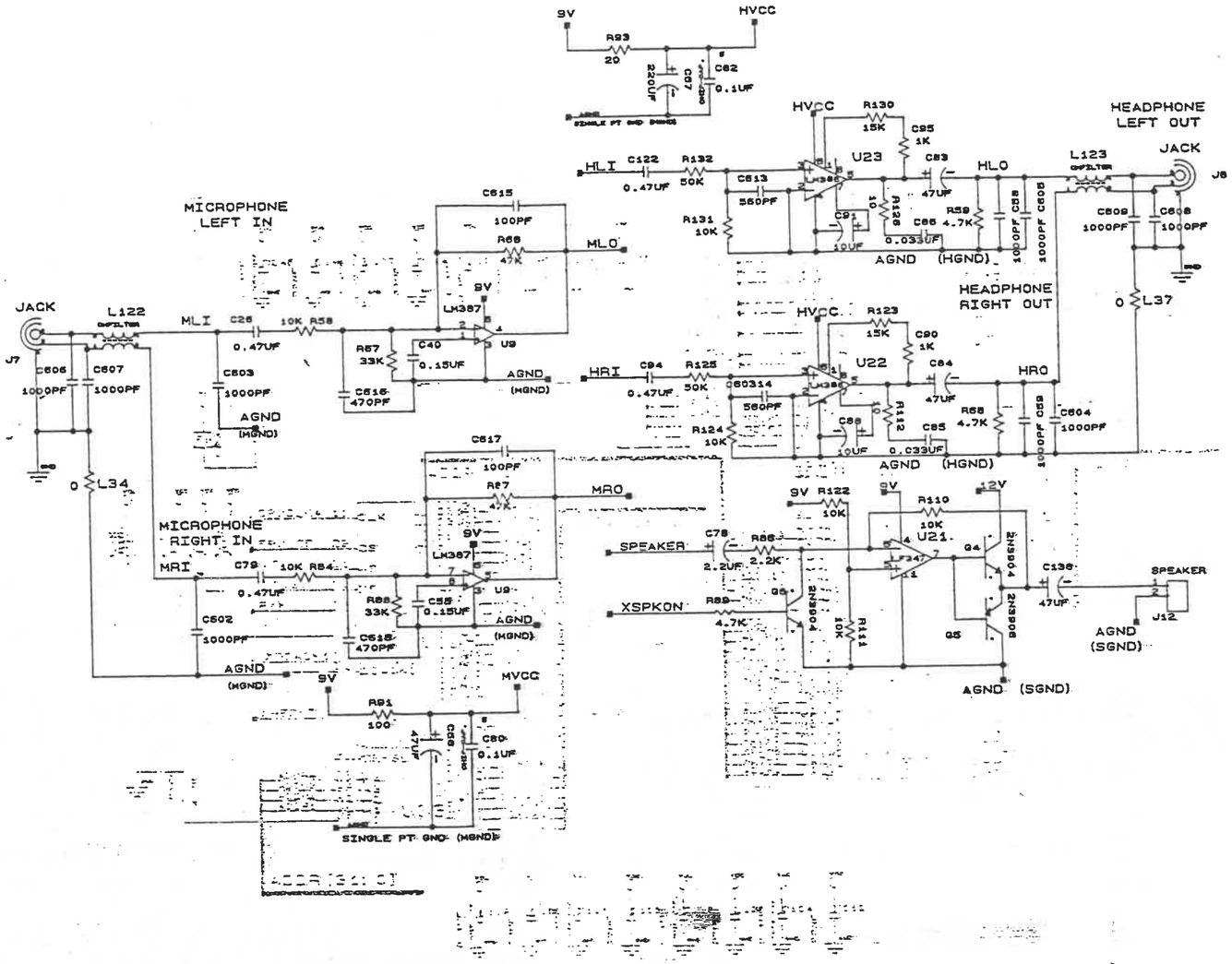
atarimuseum.nl



ATARI CORP.
1196 BORREGAS AVE.
SUNNYVALE, CA. 94089

TITLE			
FALCON030 SCHEMATIC			
SIZE	CODE	NUMBER	REV
D		C303007-001	L
		SHEET 10 OF 14	

atarimuseum.nl



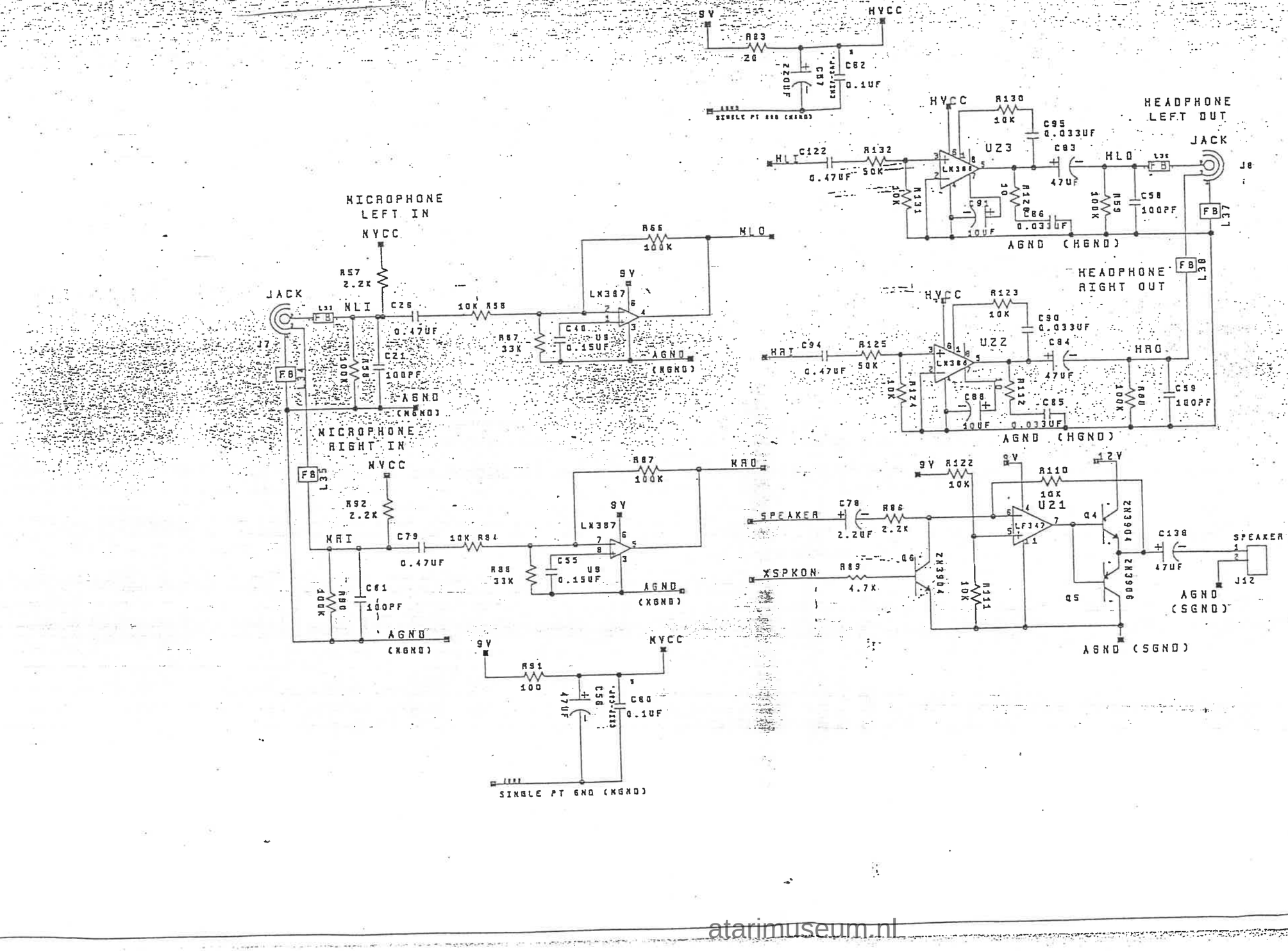
11B

ATARI CORP.
1196 BORREGAS AVE
SUNNYVALE, CA. 94089

TITLE	FALCON030 SCHEMATICS				
SIZE D	CODE	NUMBER C303007-001.	REV C	1	REV C
		SHEET 11 OF 14			

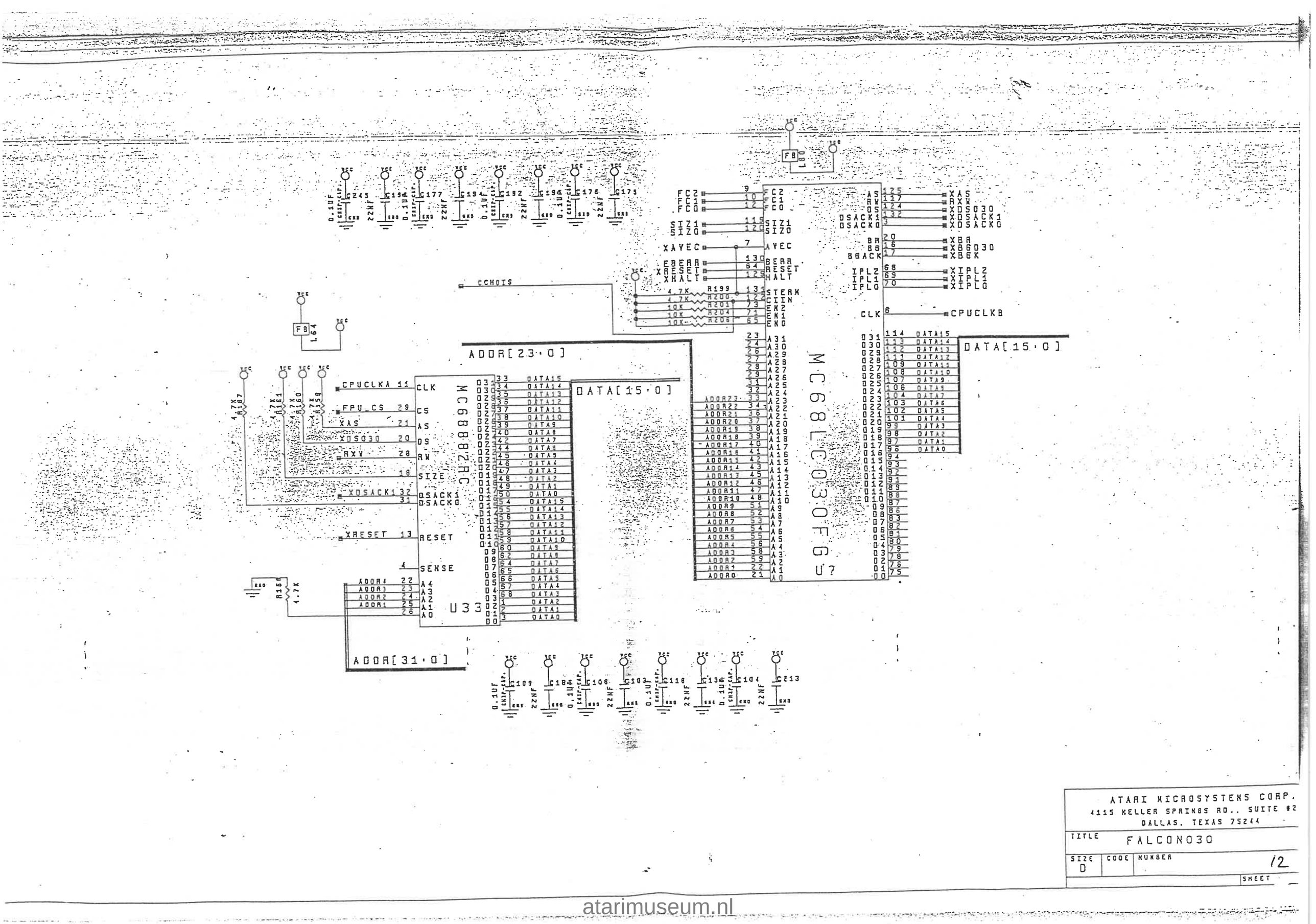
atarimuseum.nl

Old Rev
Sound circuit

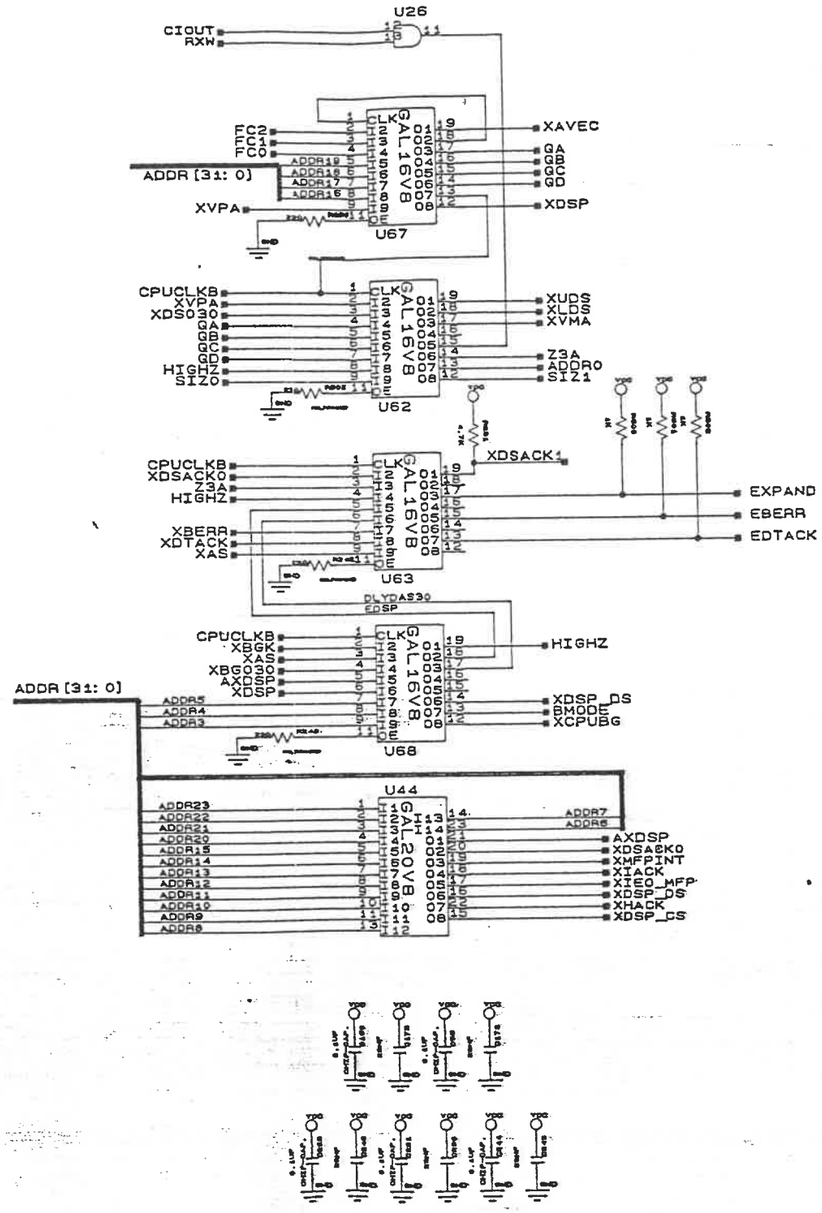


ATARI MICROSYSTEMS CORP.		
4115 KELLER SPRINGS RD., SUITE #1		
DALLAS, TEXAS 75244		
TITLE	FALCON030	
SIZE D	CODE	NUMBER 11B
		SHEET

atarimuseum.nl

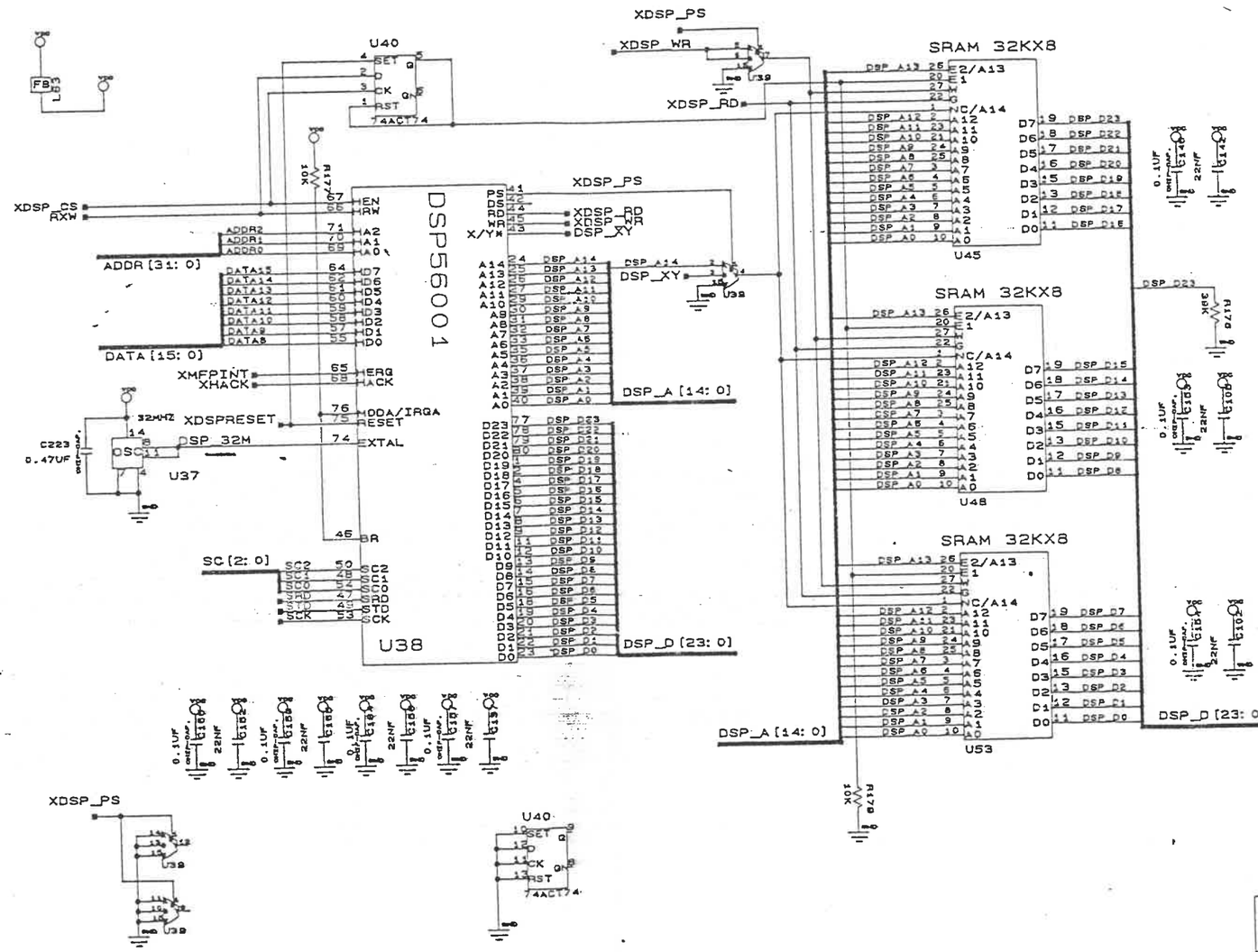


atarimuseum.nl



ATARI CORP. 1196 BORREGAS AVE. SUNNYVALE, CA. 94089			
TITLE: FALCON030 SCHEMATIC			
SIZE: D.	CODE: .	NUMBER: C303007-001	REV: L.
			SHEET 13 OF 14

atarimuseum.nl



ATARI CORP.
1196 BORREGAS AVE.
SUNNYVALE, CA. 94089

TITLE			
FALCON030 SCHEMATIC			
SIZE	CODE	NUMBER	REV
D		C303007-001	L
		SHEET 14 OF 14	

atarimuseum.nl